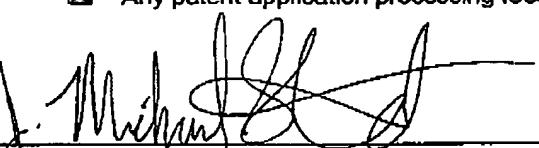


<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>				Docket No. <b>PX3904USW</b>	
Applicant(s): <b>WILLIAMS, Geralt</b>					
Serial No. 09/647,405	Filing Date January 26, 2001	Examiner K. Bomberg		Group Art Unit 3754	
Invention: <b>Metering Valve</b>					
<b>FAX RECEIVED</b>					
JUN 18 2003					
<b>TO THE COMMISSIONER FOR PATENTS:</b>					
<b>GROUP 3700</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
<b>TOTAL CLAIMS</b>	19 -	20 =	0	x \$18.00	\$0.00
<b>INDEP. CLAIMS</b>	3 -	3 =	0	x \$84.00	\$0.00
<b>Multiple Dependent Claims (check if applicable)</b> <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>
<input type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 07-1392 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
 <i>Signature</i>					
Dated: <i>June 16, 2003</i>					
<b>J. Michael Strickland</b> Registration No. 47,115 GlaxoSmithKline Corporate Intellectual Property Five Moore Drive, P.O. Box 13398 Research Triangle Park, NC 27709-3398 Tel: 919/483-9024 Fax: 919/483-7988					
I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.					
<i>Signature of Person Mailing Correspondence</i>					
<i>Typed or Printed Name of Person Mailing Correspondence</i>					

JUN. 16. 2003 4:18PM

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NO. 7335 P. 1

**CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)**

Applicant(s): WILLIAMS, Geralt

Docket No.

PX3904USW

Serial No.  
09/647,405

Filing Date  
January 26, 2001

Examiner  
K. Bomberg

Group Art Unit  
3754

Invention: METERING VALVE

I hereby certify that this

Amendment Transmittal Letter

*(Identify type of correspondence)*

is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 703/872-9302)

on

June 16, 2003  
*(Date)*

Joyce Hartnett

*(Typed or Printed Name of Person Signing Certificate)*

Joyce Hartnett  
*(Signature)*

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JUN 16 2003

GROUP 3700

P10/REV01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Geralt WILLIAMS  
Serial No. : 09/647,405  
Filed : January 26, 2001  
Title : Metering Valve

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6/19-03  
FeeOK

Grp. /A.U. : 3754  
Examiner : K. Bomberg  
Confirmation No. : 8052  
Docket No. : PX3904USW

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JUN 16 2003

**GROUP 3700**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
Washington, DC 20231

**AMENDMENT**

Sir:

This Amendment is filed in response to the Office Action mailed March 14, 2003.

**In the Claims:**

Please amend the claims as follows:

**Claim 1 (Previously amended): A metering valve assembly for dispensing a pharmaceutical product, comprising:**

a valve stem having a dispensing channel, said dispensing channel being adapted to receive and expel a predetermined volume of said pharmaceutical product when said valve stem is actuated; and

a valve body having a metering chamber, said metering chamber including at least one metering chamber wall, said metering chamber being in communication with said dispensing channel during said actuation of said valve stem, said metering chamber being adapted to receive a first volume of said pharmaceutical product at a first time, dispense said first volume of said pharmaceutical product during a first actuation of said valve stem, receive a second volume of said pharmaceutical product at a second time and dispense said second volume of said pharmaceutical product during a second actuation of said valve stem, at least said metering chamber wall comprising a material selected from the group consisting of a fluorinated ethylene propylene, polytetrafluoroethylene, a copolymer of a polytetrafluoroethylene and combinations thereof, whereby substantially all of said first and